This map illustrates satellite-detected standing flood waters over affected areas of the three-border countries located around the Lake Chad: Nigeria, Cameroon and Chad. The situation map shows the flood-affected areas as of 30/10/2012. The production of this report was coordinated by UNITAR/UNOSAT. MODIS images acquired 30/10/2012 and 28/12/2011 were used to detect the extent of flood-affected areas. MODIS imagery, Eastern and Southern parts of Chad, as well as the area of coastline bordering Nigeria and Cameroon were affected by floods; specifically, in the islands in Lake Chad, communities located close to Kousséri town have been hit by floods caused by heavy rains.

Notes: The exact limit of flood waters is uncertain because of the low spatial resolution of the satellite data used for this analysis. Detected water bodies likely reflect an underestimation of all flood-affected areas within the map extent. This analysis has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

FLOOD WATER EXTENT ANALYSIS (Satellite-Based Classification)
Pre-crisis water extent
MODIS Terra 28/12/2011
Possible Saturated, wet Soil
MODIS Terra 28/12/2011
Standing Water
MODIS 30/10/2012
Possible Saturated, wet Soil
MODIS Terra 28/12/2011
Flood-Affected Land / Possible Flood water
MODIS 30/10/2012

Satellite Data (1): MODIS Terra
Imagery Dates: 30/10/2012 & 28/12/2011
Resolution: 250m
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License: For multi-purpose relief organizations, the data is about assisting the disaster relief activities. For more information on the Charter, which is about validating the disaster relief organizations with multi-satalite data and information, visit: www.disastercharter.org

Map Scale for A3: 1:1,620,000

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